1: Krasheninnikov N-5 (1736-40) 1764 Kamchadal

CHAP. IV.

Of the METALS *and* MINERALS.

ALTHOUGH the peninſula of *Kamtſchatka* is hilly, and the ground ſuch as might naturally be ſuppoſed to produce metals and minerals, eſpecially iron and copper, with which *Siberia* abounds; yet hitherto little has been diſcovered. This is no proof that ſuch ores are not in *Kamtſchatka*; for, beſides that the *Kamtſchadales* are entirely unexperienced, the *Ruſſians* who live here have as yet given themſelves no trouble in the ſearch after metals; as they have ſuch large quantities of iron and copper inſtruments brought to them, that they have not only ſufficient for themſelves, but are alſo enabled to furniſh the *Kamtſchadales* and *Kuriles* with them at a very conſiderable profit. It is alſo to be conſidered, that the providing for their ſubſiſtance takes up ſo much of their time, that they can ſpare but little for any thing elſe; and moreover, the places proper for ſuch tryals are very difficult of acceſs: to which it may be added, that the frequent ſtorms and general inclemency of the weather are great hindrances to ſuch tryals; eſpecially when every neceſſary for the undertaking muſt be carried upon men's backs, for in the ſummer they can carry nothing upon dogs. It is reaſonable to preſume that ore might be found in *Kamtſchatka*, if it was worth while to ſearch for it. Copper ore has been found about the *Kurilſkoy* lake, and the *Ivovoy* bay; and a ſandy iron ore upon the banks of the ſeveral lakes and rivers; whence it is expected that there is iron ore in the hills from which theſe lakes and rivers riſe. Native ſulphur is gathered about the rivers *Kambalinſkoy* and *Oſernoi*, and the *Kronotzkoy* cape. The ſulphur